



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Before the Examiner
Frederic Cattaneo)	Group Art Unit 2832
Serial No. 10/630,463)	
Filed: July 30, 2003)	
MAGNETIC CIRCUIT WITH COIL)	December 9, 2003

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

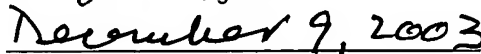
Sir:

Pursuant to the duty of disclosure embodied in 37 CFR §1.56, Applicant wishes to formally bring to the attention of the Examiner the following patents, publications and/or other information:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 9, 2003.

Clifford W. Browning
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Signature


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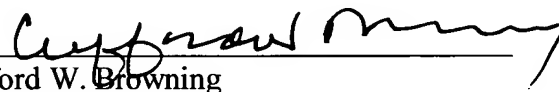
The references are listed on the attached Form 1449.

Copies of non-U.S. cited items are enclosed herewith.

The filing of this Information Disclosure Statement shall not be construed as an admission that the information cited is, or is considered to be, material to patentability as defined in §1.56(b).

No fee is believed to be due, however, should any fee be required, please charge such fee to Deposit Account No. 23-3030, but not to include any payment of issue fees.

Respectfully submitted

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Completing if Known

Application Number	10/630,463
Filing Date	July 30, 2003
First Named Inventor	Frederic Cattaneo
Art Unit	2832
Examiner Name	
Attorney Docket Number	16080-131

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP57120314	07-27-1982	Hitachi Densen KK		
		EP133695	03-06-1985	Borg-Warner		
		JP59147415	08-23-1984	Hitachi Metals		
		JP60152012	08-10-1985	Sharp Corp		
		EP194225	09-10-1986	LEM SA		
		WO8704559	07-20-1987	American Light		

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, Washington, DC 20231.**

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